

BIER Fast ReRoute

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Overview

Thanks all giving comments/suggestions

Addressed/accepted

- One extended BIFT
- BIER-FRR vs IP-FRR

BIER-FRR vs IP-FRR

- Why need BIER-FRR since IP-FRR
 - A BIER packet is forwarded without an outer IP header.
 - IP-FRR applies only to IP packets
 - BIER packets are dropped when BFR-NBRs not reachable because of link or node failure

- BIER-LFAs reuse IP-LFAs
 - BIER-LFAs similar to IP-LFAs, but a BIER-LFA must be a BFR.
 - LFA-based BIER-FRR reuses IP-LFAs:
 - ❖ If an IP-LFA node for a BFER is a BFR, it is reused
 - ❖ The backup action for the IP-LFA on the IP layer:
 - a) normal IP-LFA corresponds to backup action plain,
 - b) a remote IP-LFA to Tunnel, and
 - c) a TI-IP-LFA to Explicit.

Next Steps

- Welcome comments